Form 200.03

PERCENT COMPACTION BY NUCLEAR GAUGE - DIRECT READ

Unique ID:

Status: Date: Project No:

File No:

Road No:

Road Info:

Contractor:

Inspector:

Nuclear Gauge Operator:

Material: SCDOT Gauge No.:

Daily Standard Count		
	A.M.	P.M.
Density		

Station No.				
Elevation From Finish Grade				
Offset				
Field Density	A. Density Count			
	B. Wet Density, pcf (Calibration Chart)			
	C. Moisture, % (Speedy Moisture Tester)	/	/	/
	D. Dry Density, "pcf" $\frac{(B \times 100)}{(100 + C)}$			
One-Point Proctor	E. Wgt. of Mold & Soil, gms			
	F. Wgt. of Mold, gms			
	G. Wgt. of Soil gms (E - F)			
	H. Mold k Factor			
	I. Wet Density, pcf (Mold k x G)			
	J. Moisture, % (Speedy Moisture Tester)	/	/	/
	K. Max. Dry Density, pcf (from Chart)			
	L. Optimum Moisture, (from Chart)			
	M. Percent Compaction $\frac{D}{K} \times 100$			

Remarks:

Resident Construction Engineer:

Signature: _____